

ASI POLYETHYLENE CP 851

Low Density Polyethylene

A. Schulman Inc.

Message:

CP 851 is a high flow injection-molding grade of conventional (high pressure) low density polyethylene. This material meets the specifications in FDA Regulation 21 CFR 177.1520, (c)3.1.

General Information			
Features	Food Contact Acceptable		
	High Flow		
Agency Ratings	FDA 21 CFR 177.1520(c) 3.1		
Processing Method	Compounding		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.923	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	20	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness	50		ASTM D1706
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	10.3	MPa	ASTM D638
Tensile Elongation (Break)	200	%	ASTM D638
Apparent Bending Modulus	138	MPa	ASTM D747
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	92.0	°C	ASTM D1525

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT